

Nov. 24 2003 07:22PM P1

J5
427104
OT

Application Number: 09/768,007

REF:

Application Number: 09/768,007

Filing Date: 01/24/2001

First Named Inventor: Sanjay Chadha

Attorney Docket No: Not Application (Attorney has been disengaged)

Examiner: Nihan T Le

Art Unit: 2685

RECEIVED
CENTRAL FAX CENTER

NOV 24 2003

OFFICIAL

United States Department of Commerce
 United States Patent and Trademark Office
 Commissioner for Patents
 PO Box 1450
 Alexandria, Virginia 23323-1450

Date: Nov 24, 2003

ATTN: Nhan T Le

Dear Sir:

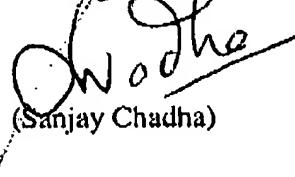
This letter is in response to the communication concerning the above said application.

Please note that Thomas Adams & Associate no longer represents this application. Hence all communication regarding this patent should be sent to me the inventor. Following are my details:

Sanjay Chadha
 20 Kentsdale Drive
 Nepean, Ontario
 K2G 6K2
 Phone: (613) 226-4764
 Email: sanjay@s5systems.com

Please contact me in the future for this application. I would like to setup a phone meeting to go through some of the discussions, would that be possible. If there is a charge for this my Visa Card number is: 4514 0935 0507 0520 Expiry: 03/06.

Best regards,



(Sanjay Chadha)

Application Number: 09/768,007

Thanks for the evaluation. Before we discuss the claims in details, here are some basic issues and differences with invention outlined in Jacobsen (6,073,034).

1. In the invented device the size of the micro display unit, which includes the associated magnification lens and the micro-display, is large because of the large FOV (Field of View – distance of eye from the lens) associated with holding the phone and viewing the display at the same time. This leads to large and bulky real devices as opposed to the sleek designs shown in the art. In our invention the micro-display is tucked away when the device is used as a wireless telephone. Only when the user wants to use the device like a computer is micro-display opened, elongated towards the eyes to reduce the FOV so that device is small and at the same time make the dual mode device to be far enough so the other eye can see it and user can provide input via handwriting recognition or using the control keys.
2. Jacobsen's device is a wireless telephone (claim 1), which enables the user of the device to see larger display (while talking on the phone). Whereas our invention is an integrated wireless telephone with a computer, which two device types work almost as separate units however in a coordinated manner.

It took us over 1 year going through different configurations to come up with a device configuration, which is integrated, small, useful and can actually be built into a small device.

One important part of the invention is a dual mode input/output device (48) which acts as a display device in the closed mode for wireless telephone device and changes state to input device in the device's open state when it behaves like a mobile computer. In the open state the Micro display is turned ON for providing computer screen output.

Here are the revised claims, which reflect this:

1. A integrated mobile computer with a wireless telephone comprising:
 - a. base unit (10);
 - b. a dual mode input/output device (48);
 - c. computer control input devices (38-47);
 - d. microdisplay unit (16);
 - e. a microcontroller unit (90) for receiving signals from the input device and controlling images displayed by the microdisplay unit; and
 - f. key pad input device (36);
2. The integrated mobile computer of claim 1, further comprising an elongate support (12A, 12B, 34) pivotally attached to the base unit and pivotal between a closed position alongside the base unit and an open position extending away from the base unit and above the input device, the microdisplay unit being mounted upon a distal end portion of the elongate support.
3. A device according to claim 2

Application Number: 09/768,007

4. A device according to claim 2, where the base unit houses parts of a wireless access device (92) and a second display unit (26) is provided on said base unit, the second display being viewable when the support is in the closed position.
5. A device according to claim 2, where the base unit houses an operating system.
6. A device according to claim 4, further comprising switch means for switching the dual mode input/output device (48) and the microdisplay (16) when the device is opened or closed.

(other claims as in the original patent application)